

Draft Rule 360 - June 2, 2005

Contact Hilary R Hartline at 602-506-3476 or by E-mail at HHartline@mail.maricopa.gov
Comments due by July 1, 2005

REGULATION III - CONTROL OF AIR CONTAMINANTS

RULE 360

NEW SOURCE PERFORMANCE STANDARDS

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MARICOPA COUNTY
AIR POLLUTION CONTROL REGULATIONS

REGULATION III - CONTROL OF AIR CONTAMINANTS

RULE 360
NEW SOURCE PERFORMANCE STANDARDS

SECTION 100 - GENERAL

- 101 PURPOSE:** To establish acceptable design and performance criteria for specified new or modified emission sources.
- 102 APPLICABILITY:** The provisions of this rule apply to the owner or operator of any stationary source which contains an affected facility on which the construction, reconstruction, or a modification is commenced after the date of publication of any standard applicable to such facility in the 40 C.F.R. 60. Any such stationary source must also comply with other Maricopa County Air Pollution Control Regulations.
- 103 AVAILABILITY OF INFORMATION:** Copies of all 40 C.F.R., Part 60 revisions currently enforced by Maricopa County are available at 1001 N. Central Avenue, Phoenix, Arizona, 85004, or call (602) 506-6700 for information.

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- 104 FEDERAL DELEGATION AUTHORITY:** Maricopa County shall enforce the following enumerated Federal Regulations (Part 60, Title 40 of the Code of Federal Regulations) which have heretofore been delegated to the County by the United States Environmental Protection Agency (EPA) for such enforcement. Maricopa County may in addition enforce such other Federal Regulations (Part 60, Title 40 of the Code of Federal Regulations) delegated to the County for such enforcement from time to time by EPA and which will be enumerated in any revision hereof.

SECTION 200 - DEFINITIONS: For the purpose of this rule, the following definitions shall apply:

- 201 ADMINISTRATOR** - As used in Part 60, Title 40, Code of Federal Regulations, shall mean the Control Officer, except that the Control Officer shall not be empowered to approve alternate or equivalent test methods or alternative standards/work practices.
- 202 AFFECTED FACILITY** - With reference to a stationary source, any apparatus to which a standard is applicable.
- 203 COMMENCED** - With respect to the definition of "new source" in Section 111(a)(2) of the Act, that an owner or operator has undertaken a continuous program of construction, reconstruction, or modification or that an owner or operator has entered into a contracted obligation to undertake and complete, within a reasonable time, a continuous program of construction, reconstruction or modification.
- 204 CONSTRUCTION** - The fabrication, erection, or installation of an affected facility.
- 205 MODIFICATION** - Any physical change in, or change in the method of operation of, an existing facility which increases the amount of any contaminant (to which a standard applies) emitted into the atmosphere by that facility or which results in

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the emission of any air contaminant (to which a standard applies) into the atmosphere not previously emitted.

- 206 OWNER OR OPERATOR** - Any person who owns, leases, operates, controls, or supervises an affected facility or a stationary source of which an affected facility is a part.
- 207 STANDARD** - A standard of performance promulgated under this rule.
- 208 STATIONARY SOURCE** - Any building, structure, facility, or installation which emits or may emit any air pollutant.

SECTION 300 - STANDARDS

- 301 ADOPTED FEDERAL STANDARDS:** The federal standards of performance for those subparts of 40 C.F.R. 60 adopted as of July 1, ~~2002~~ 2004, as listed below, and all accompanying appendices are adopted by reference as indicated. This adoption by reference includes no future editions or amendments.
- 301.1 SUBPART A - General Provisions;** exclude ~~60.4, 60.5, and 60.6, and 60.4(b), 60.8(b), 60.9, 60.11(b), 60.11(e), 60.13(a), 60.13(d)(2), 60.13(g), 60.13(i), and~~ any sections dealing with equivalency determinations or innovative technology waivers, as covered in Sections 111(h)(3) and 111(j) respectively of the Clean Air Act
- 301.2 SUBPART D - Standards of Performance for ~~Fossil-Fuel-Fired~~ Fossil-Fuel-Fired Steam Generators for Which Construction Is Commenced After August 17, 1971**
- 301.3 SUBPART Da - Standards of Performance for Electric Utility Steam Generating Units for Which Construction Is Commenced After September 18, 1978;** exclude 60.45a

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- 301.4 SUBPART Db - Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units; exclude 60.44b(f), 60.44b(g), and 60.49b(a)(4)**
- 301.5 SUBPART Dc - Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units; exclude 60.48c(a)(4)**
- 301.6 SUBPART E - Standards of Performance for Incinerators**
- 301.7 SUBPART Ea - Standards of Performance for Municipal Waste Combustors for Which Construction is Commenced After December 20, 1989 and on or Before September 20, 1994**
- 301.8 SUBPART Eb - Standards of Performance for Large Municipal Waste Combustors for Which Construction is Commenced After September 20, 1994 or for Which Modification or Reconstruction is Commenced After June 19, 1996**
- 301.9 SUBPART Ec - Standards of Performance for Hospital/Medical/Infectious Waste Incinerators for Which Construction is Commenced After June 20, 1996; exclude the requirements of 60.56c(i) establishing operating parameters when using controls other than those listed in 60.56c(d)**
- 301.10 SUBPART F - Standards of Performance for Portland Cement Plants**
- 301.11 SUBPART G - Standards of Performance for Nitric Acid Plants**
- 301.12 SUBPART H - Standards of Performance for Sulfuric Acid Plants**

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- 301.13 SUBPART I - Standards of Performance for ~~Asphaltic Concrete Plants~~ Hot Mix Asphalt Facilities**
- 301.14 SUBPART J - Standards of Performance for Petroleum Refineries; exclude 60.105(a)(13)(iii), and 60.106(i)(12)**
- 301.15 SUBPART K - Standards of Performance for Storage Vessels ~~of~~ for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978**
- 301.16 SUBPART Ka - Standards of Performance for Storage Vessels ~~of~~ for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984; exclude 60.114a**
- 301.17 SUBPART Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 ~~(Including Petroleum Liquid Storage Vessels)~~; exclude 60.111b(f) (4), 60.114b, 60.116b(e)(3)(iii), 60.116b(e)(3)(iv), and 60.116b(f)(2)(iii)**
- 301.18 SUBPART L - Standards of Performance for Secondary Lead Smelters**
- 301.19 SUBPART M - Standards of Performance for Secondary Brass and Bronze Production Plants**

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- 301.20 SUBPART N - Standards of Performance for ~~Iron and Steel Plants~~; Primary Emissions from Basic Oxygen Process Furnaces for Which Construction is Commenced After June 11, 1973**
- 301.21 SUBPART Na - Standards of Performance for ~~Iron and Steel Plants~~; Secondary Emissions from Basic Oxygen Process ~~Furnaces~~ Steelmaking Facilities for Which Construction is Commenced After January 20, 1983**
- 301.22 SUBPART O - Standards of Performance for Sewage Treatment Plants; exclude 60.153(e)**
- 301.23 SUBPART P - Standards of Performance for Primary Copper Smelters**
- 301.24 SUBPART Q - Standards of Performance for Primary Zinc Smelters**
- 301.25 SUBPART R - Standards of Performance for Primary Lead Smelters**
- 301.26 SUBPART S - Standards of Performance for Primary Aluminum Reduction Plants; ~~exclude 60.195(b)~~ exclude 60.194(d)**
- 301.27 SUBPART T - Standards of Performance for the Phosphate Fertilizer Industry: Wet-Process Phosphoric Acid Plants**
- 301.28 SUBPART U - Standards of Performance for the Phosphate Fertilizer Industry: Superphosphoric Acid Plants**
- 301.29 SUBPART V - Standards of Performance for the Phosphate Fertilizer Industry: Diammonium Phosphate Plants**

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- 301.30 SUBPART W - Standards of Performance for the Phosphate Fertilizer Industry: Triple Superphosphate Plants**
- 301.31 SUBPART X - Standards of Performance for the Phosphate Fertilizer Industry: Granular Triple Superphosphate Storage Facilities**
- 301.32 SUBPART Y - Standards of Performance for Coal Preparation Plants**
- 301.33 SUBPART Z - Standards of Performance for ~~Ferro-Alloy~~ Ferroalloy Production Facilities**
- 301.34 SUBPART AA - Standards of Performance for Steel Plants: Electric Arc Furnaces Constructed After October 21, 1974, and On or Before August 17, 1983; exclude 60.274(d)**
- 301.35 SUBPART AAa - Standards of Performance for Steel Plants: Electric Arc Furnaces and ~~Argon-Oxygen~~ Argon-Oxygen Decarburization Vessels Constructed After August 17, 1983**
- 301.36 SUBPART BB - Standards of Performance for Kraft Pulp Mills**
- 301.37 SUBPART CC - Standards of Performance for Glass Manufacturing Plants; exclude 60.293(d)**
- 301.38 SUBPART DD - Standards of Performance for Grain Elevators; exclude 60.302(d)(3)**
- 301.39 SUBPART EE - Standards of Performance for Surface Coating of Metal Furniture**

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- 301.40 SUBPART GG - ~~Standard~~ Standards of Performance for Stationary Gas Turbines; exclude 60.332(a)(3), and ~~60.335(a)(ii)~~ 60.335(a), 60.335(d) and 60.335(f)(1)**
- 301.41 SUBPART HH - Standards of Performance for Lime Manufacturing Plants**
- 301.42 SUBPART KK - Standards of Performance for Lead-Acid Battery Manufacturing Plants**
- 301.43 SUBPART LL - Standards of Performance for Metallic Mineral Processing Plants**
- 301.44 SUBPART MM - Standards of Performance for Automobile and Light Duty Truck Surface Coating Operations; exclude 60.393(c)(1)(i), 60.396(a)(1), 60.396(a)(2), and 60.396(c)**
- 301.45 SUBPART NN - Standards of Performance for Phosphate Rock Plants**
- 301.46 SUBPART PP - Standards of Performance for Ammonium Sulfate Manufacture**
- 301.47 SUBPART QQ - Standards of Performance for the Graphic Arts Industry: Publication Rotogravure Printing**
- 301.48 SUBPART RR - Standards of Performance for Pressure Sensitive Tape and Label Surface Coating Operations**
- 301.49 SUBPART SS - Standards of Performance for Industrial Surface Coating: Large Appliances**

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- 301.50 SUBPART TT - Standards of Performance for Metal Coil Surface Coating**
- 301.51 SUBPART UU - Standards of Performance for Asphalt Processing and Asphalt Roofing Manufacture**
- 301.52 SUBPART VV - Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry; exclude 60.482-1(c)(2) and 60.484**
- 301.53 SUBPART WW - Standards of Performance for the Beverage Can Surface Coating Industry; exclude ~~60.495(a)(i)~~ 60.495(e) and 60.493(b)(2)(i)(A)**
- 301.54 SUBPART XX - Standards of Performance for Bulk Gasoline Terminals**
- 301.55 SUBPART AAA - Standards of Performance for New Residential Wood Heaters; exclude 60.531, 60.533, 60.534, 60.535, 60.536(i)(2), 60.537, 60.538(e) and 60.539**
- 301.56 SUBPART BBB - Standards of Performance for the Rubber Tire Manufacturing ~~Plants~~ Industry; exclude 60.543(c)(2)(ii)(B)**
- 301.57 SUBPART DDD - Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry; exclude 60.562-2(c)**
- 301.58 SUBPART FFF - Standards of Performance for Flexible Vinyl and Urethane Coating and Printing**

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- 301.59 SUBPART GGG - Standards of Performance for Equipment
Leaks of VOC in Petroleum Refineries; exclude 60.592(c)**
- 301.60 SUBPART HHH - Standards of Performance for Synthetic Fiber
Production Facilities**
- 301.61 SUBPART III - Standards of Performance for Volatile Organic
Compound (VOC) Emissions ~~from~~ From the Synthetic Organic
Chemical Manufacturing Industry (SOCMI) Air Oxidation Unit
Processes; exclude 60.613(e)**
- 301.62 SUBPART JJJ - Standards of Performance for Petroleum Dry
Cleaners; exclude 60.623**
- 301.63 SUBPART KKK - Standards of Performance for Equipment Leaks
of VOC from Onshore Natural Gas Processing Plants; exclude
60.634.**
- 301.64 SUBPART LLL - Standards of Performance for Onshore Natural
Gas Processing: SO₂ Emissions**
- 301.65 SUBPART NNN - Standards of Performance for Volatile Organic
Compound (VOC) Emissions ~~from the~~ From Synthetic Organic
Chemical Manufacturing Industry (SOCMI) Distillation
Operations; exclude 60.663(e)**
- 301.66 SUBPART OOO - Standards of Performance for ~~Non-Metallic~~
Nonmetallic Mineral Processing Plants**
- 301.67 SUBPART PPP - ~~Standards~~ Standard of Performance for Wool
Fiberglass Insulation Manufacturing Plants**

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- 301.68 SUBPART QQQ - Standards of Performance for VOC Emissions From Petroleum Refinery Wastewater Systems; exclude 60.694**
- 301.69 SUBPART RRR - Standards of Performance for Volatile Organic Compound (VOC) Emissions ~~from~~ From Synthetic Organic Chemical Manufacturing Industry (SOCMI) Reactor Processes; exclude 60.703(e)**
- 301.70 SUBPART SSS - Standards of Performance for Magnetic Tape Coating Facilities; exclude 60.711(a)(16), 60.713(b)(1)(i), 60.713(b)(1)(ii), 60.713(b)(5)(i), 60.713(d), 60.715(a), and 60.716**
- 301.71 SUBPART TTT - Standards of Performance for Industrial Surface Coating: Surface Coating of Plastic Parts for Business Machines; exclude 60.723(b)(1), 60.723(b)(2)(i)(C), 60.723(b)(2)(iv), 60.724(e), 60.725(b)**
- 301.72 SUBPART UUU - Standards of Performance for Calciners And Dryers In Mineral Industries**
- 301.73 SUBPART VVV - Standards of Performance for Polymeric Coating of Supporting Substrates Facilities; exclude 60.743(a)(3)(v)(A) and (B), 60.743(e), 60.745(a), and 60.746**
- 301.74 SUBPART WWW - Standards of Performance for Municipal Solid Waste Landfills; exclude 60.754(a)(5)**
- 301.75 SUBPART AAAA - – Standards of Performance for Small Municipal Waste Combustion Units for Which Construction is Commenced after August 30, 1999, or for Which Modification or Reconstruction Is Commenced after June 6, 2001**

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~~301.76~~ — ~~SUBPART BBBB~~ — ~~Standards of Performance for New Small Municipal Waste Combustion Units~~

~~301.77~~ 301.76 SUBPART CCCC – Standards of Performance for Commercial and Industrial Solid Waste ~~Incinerators~~ Incineration Units for Which Construction is Commenced after November 30, 1999; or for Which ~~Modifeation~~ Modification or Reconstruction ~~is~~ Is Commenced on or after June 1, 2001;
exclude the authorities listed under 60.2030(c)(1) through 60.2030(c)(7)

~~301.78~~ — ~~SUBPART DDDD~~ — ~~Standards of Performance for New Stationary Sources and Emission Guidelines for Existing Sources: Commercial and Industrial Solid Waste Incineration Units~~